

What is claimed is:

1. A mobile client computer comprising:
  - a housing sized to be held and manipulated by the hand of a user;
  - a processor mounted within said housing for processing digital data;
  - memory mounted within said housing for storing digital data and coupled to said processor;
  - a display mounted in said housing and coupled to said processor and said memory for displaying information derived from digital data processed by said processor;
  - an input digitizer mounted in said housing and overlaying said display, said digitizer being coupled to said processor for input of digital data by a user; and
  - a control program stored in said memory and accessible by said processor for directing the processing of digital data by said processor;
  - said control program and said processor cooperating, when said control program is executing on said processor, in
    - a) displaying a form defining data fields; and
    - b) exercising a predictive widget to supply a data entry for a defined data field.
2. A mobile client computer according to Claim 1 wherein said control program and said processor cooperate, when said control program is executing on said processor, in exercising the predictive widget to supply a predictive default entry for the defined data field.
3. A mobile client computer according to Claim 2 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a predictive default entry from the predictive list based on a predetermined algorithm.

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4. A mobile client computer according to Claim 1 wherein said control program and said processor cooperate, when said control program is executing on said processor, in exercising the predictive widget to supply a predictive fill entry for the defined data field.

5. A mobile client computer according to Claim 4 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a predictive fill entry from the predictive list based on a predetermined algorithm.

6. A mobile client computer according to Claim 1 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a data entry from the predictive list based on a predetermined algorithm.

7. A mobile client computer according to Claim 6 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon the recency of use of listed data entries.

8. A mobile client computer according to Claim 6 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon the frequency of use of listed data entries.

9. A mobile client computer according to Claim 6 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon a user selected weighted determination of the recency and frequency of use of listed data

5 entries.

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10. A mobile client computer according to Claim 6 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing the predictive list as a sequence of possible data entries and in ordering the sequence by positioning a leading portion of the sequence based on the recency of use of listed data entries and a trailing portion of the sequence based on the frequency of use of listed data entries.

11. A mobile client computer according to Claim 6 wherein said control program and said processor cooperate, when said control program is executing on said processor, in capturing user entries of data into the defined field and storing captured entries in the predictive list.

12. A mobile client computer comprising:

a housing sized to be held and manipulated by the hand of a user;

a processor mounted within said housing for processing digital data;

memory mounted within said housing for storing digital data and coupled to said processor;

a display mounted in said housing and coupled to said processor and said memory for displaying information derived from digital data processed by said processor;

an input digitizer mounted in said housing and overlaying said display, said digitizer being coupled to said processor for input of digital data by a user; and

a control program stored in said memory and accessible by said processor for directing the processing of digital data by said processor;

said control program and said processor cooperating, when said control program is executing on said processor, in

a) displaying a form defining data fields;

b) capturing user entries of data into a defined field;

c) storing captured user entries in a predictive list of data entries for the

defined data field; and

d) exercising a predictive widget to supply one of a predictive default and a predictive fill selected from the predictive list as a data entry for the defined data field.

13. A computer comprising:

a housing;

a processor mounted within said housing and processing digital data;

memory mounted within said housing for storing digital data and coupled to

said processor;

a display coupled to said processor and said memory to display information derived from digital data processed by said processor; and

a control program stored in said memory and accessible by said processor to direct the processing of digital data by said processor;

said control program and said processor cooperating, when said control program is executing on said processor, in

a) displaying a form defining data fields; and

b) exercising a predictive widget to supply a data entry for a defined data field.

14. A computer according to Claim 13 wherein said control program and said processor cooperate, when said control program is executing on said processor, in exercising the predictive widget to supply a predictive default entry for the defined data field.

15. A computer according to Claim 14 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a predictive default entry from the predictive list based on a predetermined algorithm.

16. A computer according to Claim 13 wherein said control program and said processor cooperate, when said control program is executing on said processor, in exercising the predictive widget to supply a predictive fill entry for the defined data field.

17. A computer according to Claim 16 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a predictive fill entry from the predictive list based on a predetermined algorithm.

18. A computer according to Claim 13 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a data entry from the predictive list based on a predetermined algorithm.

19. A computer according to Claim 18 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon the recency of use of listed data entries.

20. A computer according to Claim 18 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon the frequency of use of listed data entries.

21. A computer according to Claim 18 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon a user selected weighted determination of the recency and frequency of use of listed data entries.

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22. A computer according to Claim 18 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing the predictive list as a sequence of possible data entries and in ordering the sequence by positioning a leading portion of the sequence based on the recency of use of listed data entries and a trailing portion of the sequence based on the frequency of use of listed data entries.

23. A computer according to Claim 18 wherein said control program and said processor cooperate, when said control program is executing on said processor, in capturing user entries of data into the defined field and storing captured entries in the predictive list.

24. A computer comprising:  
a housing;  
a processor mounted within said housing and processing digital data;  
memory mounted within said housing for storing digital data and coupled to said processor;

a display coupled to said processor and said memory to display information derived from digital data processed by said processor; and

a control program stored in said memory and accessible by said processor to direct the processing of digital data by said processor;

said control program and said processor cooperating, when said control program is executing on said processor, in

- a) displaying a form defining data fields;
- b) capturing user entries of data into a defined field;
- c) storing captured user entries in a predictive list of data entries for the defined data field; and
- d) exercising a predictive widget to supply one of a predictive default and a predictive fill selected from the predictive list as a data entry for the defined data field.

25. A display generating system comprising:  
a housing;  
a processor mounted within said housing and processing digital data;  
memory mounted within said housing for storing digital data and coupled to  
5 said processor;  
said processor and said memory cooperating in supplying digital data driving  
a display of visual images; and  
a control program stored in said memory and accessible by said processor  
to direct the processing of digital data by said processor;  
10 said control program and said processor cooperating, when said control  
program is executing on said processor, in  
a) displaying a form defining data fields; and  
b) exercising a predictive widget to supply a data entry for a defined data  
field.
26. A system according to Claim 25 wherein said control program and said  
processor cooperate, when said control program is executing on said processor, in  
exercising the predictive widget to supply a predictive default entry for the defined  
data field.
27. A system according to Claim 26 wherein said control program and said  
processor cooperate, when said control program is executing on said processor, in  
storing a predictive list and selecting a predictive default entry from the predictive  
list based on a predetermined algorithm.
28. A system according to Claim 25 wherein said control program and said  
processor cooperate, when said control program is executing on said processor, in  
exercising the predictive widget to supply a predictive fill entry for the defined data  
field.

29. A system according to Claim 28 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a predictive fill entry from the predictive list based on a predetermined algorithm.

30. A system according to Claim 25 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing a predictive list and selecting a data entry from the predictive list based on a predetermined algorithm.

31. A system according to Claim 30 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon the recency of use of listed data entries.

32. A system according to Claim 30 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon the frequency of use of listed data entries.

33. A system according to Claim 30 wherein said control program and said processor cooperate, when said control program is executing on said processor, in selecting a data entry from the predictive list based upon a user selected weighted determination of the recency and frequency of use of listed data entries.

34. A system according to Claim 30 wherein said control program and said processor cooperate, when said control program is executing on said processor, in storing the predictive list as a sequence of possible data entries and in ordering the sequence by positioning a leading portion of the sequence based on the recency



5 of use of listed data entries and a trailing portion of the sequence based on the frequency of use of listed data entries.

35. A system according to Claim 30 wherein said control program and said processor cooperate, when said control program is executing on said processor, in capturing user entries of data into the defined field and storing captured entries in the predictive list.

36. A display generating system comprising:

a housing;

a processor mounted within said housing and processing digital data;

memory mounted within said housing for storing digital data and coupled to  
5 said processor;

said processor and said memory cooperating in supplying digital data driving a display of visual images; and

a control program stored in said memory and accessible by said processor to direct the processing of digital data by said processor;

10 said control program and said processor cooperating, when said control program is executing on said processor, in

a) displaying a form defining data fields;

b) capturing user entries of data into a defined field;

c) storing captured user entries in a predictive list of data entries for the  
15 defined data field; and

d) exercising a predictive widget to supply one of a predictive default and a predictive fill selected from the predictive list as a data entry for the defined data field.

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